

Sanja Vranjes-Duric

List of Publications by Year in descending order

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43
papers

1,192
citations

394421

19
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377865

34
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43
all docs

43
docs citations

43
times ranked

1792
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Magnetic nano- and micro-particles based on Gd-substituted magnetite with improved colloidal stability. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 3 |
| 2 | Bioevaluation of glucose-modified liposomes as a potential drug delivery system for cancer treatment using ¹⁷⁷ Lu radiotracking. Journal of Controlled Release, 2021, 332, 301-311. | 9.9 | 21 |
| 3 | Transmittance Measurements in Non-alternating Magnetic Field as Reliable Method for Determining of Heating Properties of Phosphate and Phosphonate Coated Fe ₃ O ₄ Magnetic Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 4426-4433. | 3.7 | 3 |
| 4 | ¹⁷⁷ Lu-doxycycline as potential radiopharmaceutical: electrochemical characterization, radiolabeling, and biodistribution in tumor-bearing mice. International Journal of Radiation Biology, 2021, 97, 1-9. | 1.8 | 0 |
| 5 | ¹⁷⁷ Lu-labeled micro liposomes as a potential radiosynoviorthesis therapeutic agent. International Journal of Pharmaceutics, 2021, 608, 121106. | 5.2 | 0 |
| 6 | Magnetically induced controlled release from glucose-modified liposomes loaded with Fe ₃ O ₄ nanoparticles. Journal of Nanoparticle Research, 2021, 23, 1. | 1.9 | 1 |
| 7 | Aminosilanized flower-structured superparamagnetic iron oxide nanoparticles coupled to ¹³¹ I-labeled CC49 antibody for combined radionuclide and hyperthermia therapy of cancer. International Journal of Pharmaceutics, 2020, 587, 119628. | 5.2 | 19 |
| 8 | TiO ₂ /APTES cross-linked to carboxylic graphene based impedimetric glucose biosensor. Microchemical Journal, 2020, 158, 105150. | 4.5 | 17 |
| 9 | Hemocompatibility of gallium-68 labeled iron oxide nanoparticles coated with 2,3-dicarboxypropane-1,1-diphosphonic acid. Materials Science and Engineering C, 2020, 115, 111121. | 7.3 | 7 |
| 10 | Tailoring IONP shape and designing nanocomposite IONS@GN toward modification of SPCE to enhance electrochemical degradation of organic dye. Materials Research Express, 2020, 7, 015509. | 1.6 | 2 |
| 11 | Investigation of ¹⁷⁷ Lu-labeled HEDP, DPD, and IDP as potential bone pain palliation agents. Journal of Radiation Research and Applied Sciences, 2020, 13, 27-36. | 1.2 | 5 |
| 12 | ^{99m} Tc-, ⁹⁰ Y-, and ¹⁷⁷ Lu-Labeled Iron Oxide Nanoflowers Designed for Potential Use in Dual Magnetic Hyperthermia/Radionuclide Cancer Therapy and Diagnosis. ACS Applied Materials & Interfaces, 2019, 11, 41109-41117. | 8.0 | 45 |
| 13 | ^{99m} Tc-bisphosphonate-coated magnetic nanoparticles as potential theranostic nanoagent. Materials Science and Engineering C, 2019, 102, 124-133. | 7.3 | 26 |
| 14 | The analysis of 2,3-dicarboxypropane-1,1-diphosphonic acid-coated magnetite nanoparticles under an external magnetic field and their radiolabeling for possible theranostic applications. New Journal of Chemistry, 2019, 43, 5932-5939. | 2.8 | 3 |
| 15 | Nanotechnologies for early diagnosis, in situ disease monitoring, and prevention. , 2018, , 1-92. | | 10 |
| 16 | Recommendations for In Vitro and In Vivo Testing of Magnetic Nanoparticle Hyperthermia Combined with Radiation Therapy. Nanomaterials, 2018, 8, 306. | 4.1 | 50 |
| 17 | Complementary approaches for the evaluation of biocompatibility of ⁹⁰ Y-labeled superparamagnetic citric acid (Fe,Er) ₃ O ₄ coated nanoparticles. Materials Science and Engineering C, 2017, 75, 157-164. | 7.3 | 5 |
| 18 | Effect of Peroral Administration of Chromium on Insulin Signaling Pathway in Skeletal Muscle Tissue of Holstein Calves. Biological Trace Element Research, 2017, 180, 223-232. | 3.5 | 9 |

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|----|--|------|-----------|
| 19 | Design and preparation of ⁹⁰ Y-labeled imidodiphosphate- and inositol hexaphosphate-coated magnetic nanoparticles for possible medical applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8738-8747. | 5.8 | 12 |
| 20 | Progesterone concentration, pregnancy and calving rate in Simmental dairy cows after oestrus synchronisation and hCG treatment during the early luteal phase. <i>Acta Veterinaria Hungarica</i> , 2017, 65, 446-458. | 0.5 | 2 |
| 21 | Gallium-68 Labeled Iron Oxide Nanoparticles Coated with 2,3-Dicarboxypropane-1,1-diphosphonic Acid as a Potential PET/MR Imaging Agent: A Proof-of-Concept Study. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-13. | 0.8 | 31 |
| 22 | CORTISOL CONCENTRATIONS IN HAIR, BLOOD AND MILK OF HOLSTEIN AND BUSHUA CATTLE. <i>Slovenian Veterinary Research</i> , 2017, 54, . | 0.2 | 7 |
| 23 | Synthesis and biological evaluation of ^{99m} Tc tricarbonyl complex of <i>trans</i> -[^{99m} Tc(CO) ₃ (diethylethylenediamine)(N ₃)] ⁺ propanoate as potential tumour diagnostic agent. <i>Applied Organometallic Chemistry</i> , 2016, 30, 81-88. | | 7 |
| 24 | Preparation and <i>in vivo</i> evaluation of multifunctional ⁹⁰ Y-labeled magnetic nanoparticles designed for cancer therapy. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 126-134. | 4.0 | 48 |
| 25 | Supplemental Selenium Reduces the Levels of Biomarkers of Oxidative and General Stress in Peripartum Dairy Cows / Dodati Selen Snižava Nivoje Biomarkera Oksidativnog I OpÅtjeg Stresa Kod MleÄnih Krava U Peripartalnom Periodu. <i>Acta Veterinaria</i> , 2015, 65, 191-201. | 0.5 | 5 |
| 26 | Investigating an organ-targeting platform based on hydroxyapatite nanoparticles using a novel <i>in situ</i> method of radioactive ¹²⁵ Iodine labeling. <i>Materials Science and Engineering C</i> , 2014, 43, 439-446. | 7.3 | 42 |
| 27 | Ethanol and nitric oxide modulate expression of glucocorticoid receptor in the rat adrenal cortex. <i>Pharmacological Reports</i> , 2012, 64, 896-901. | 3.3 | 6 |
| 28 | Development and evaluation of ⁹⁰ Y-labeled albumin microspheres loaded with magnetite nanoparticles for possible applications in cancer therapy. <i>Journal of Materials Chemistry</i> , 2012, 22, 24017. | 6.7 | 27 |
| 29 | ⁹⁰ Y-Labeled Tin Fluoride Colloid as a Promising Therapeutic Agent: Preparation, Characterization, and Biological Study in Rats. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 2194-2203. | 3.3 | 10 |
| 30 | Novel tetradentate diamine dioxime ligands: synthesis, characterization and <i>in vivo</i> behavior of their ^{99m} Tc complexes. <i>Applied Organometallic Chemistry</i> , 2012, 26, 347-355. | 3.5 | 6 |
| 31 | The Acute Effect of Ethanol on Adrenal Cortex in Female Rats – Possible Role of Nitric Oxide. <i>Alcohol and Alcoholism</i> , 2011, 46, 523-528. | 1.6 | 6 |
| 32 | Opposite effects of nanocrystalline fullerene (C ₆₀) on tumour cell growth <i>in vitro</i> and <i>in vivo</i> and a possible role of immunosuppression in the cancer-promoting activity of C ₆₀ . <i>Biomaterials</i> , 2009, 30, 6940-6946. | 11.4 | 42 |
| 33 | Preparation and biodistribution of radiolabeled fullerene C ₆₀ nanocrystals. <i>Nanotechnology</i> , 2009, 20, 385102. | 2.6 | 36 |
| 34 | Modulation of Tumor Necrosis Factor-mediated Cell Death by Fullerenes. <i>Pharmaceutical Research</i> , 2008, 25, 1365-1376. | 3.5 | 20 |
| 35 | Particle size analysis: ⁹⁰ Y and ^{99m} Tc-labelled colloids. <i>Journal of Microscopy</i> , 2008, 232, 601-604. | 1.8 | 14 |
| 36 | Antiproton radiotherapy. <i>Radiotherapy and Oncology</i> , 2008, 86, 14-19. | 0.6 | 27 |

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|----|---|------|-----------|
| 37 | The mechanism of cell-damaging reactive oxygen generation by colloidal fullerenes. <i>Biomaterials</i> , 2007, 28, 5437-5448. | 11.4 | 112 |
| 38 | Multiple mechanisms underlying the anticancer action of nanocrystalline fullerene. <i>European Journal of Pharmacology</i> , 2007, 568, 89-98. | 3.5 | 88 |
| 39 | The biological effectiveness of antiproton irradiation. <i>Radiotherapy and Oncology</i> , 2006, 81, 233-242. | 0.6 | 60 |
| 40 | Distinct Cytotoxic Mechanisms of Pristine versus Hydroxylated Fullerene. <i>Toxicological Sciences</i> , 2006, 91, 173-183. | 3.1 | 264 |
| 41 | Inactivation of nanocrystalline C60 cytotoxicity by I^{131} -irradiation. <i>Biomaterials</i> , 2006, 27, 5049-5058. | 11.4 | 64 |
| 42 | Comparison of the Radiotoxicity of Two Alpha-Particle-Emitting Immunoconjugates, Terbium-149 and Bismuth-213, Directed against a Tumor-Specific, Exon 9 Deleted (d9) E-Cadherin Adhesion Protein. <i>Radiation Research</i> , 2003, 159, 612-620. | 1.5 | 29 |
| 43 | Co(III), Ni(II) and Cu(II) complexes with a tetradentate Schiff base ligand: synthesis, characterization, electrochemical behavior, binding assessment and <i>in vitro</i> cytotoxicity. <i>Journal of Coordination Chemistry</i> , 0, , 1-14. | 2.2 | 1 |